

NASA Langley UAS Research Overview

From Concept to Flight



System Concepts

- Vehicle
- Airspace Operations



- Fabrication
- Advanced Manufacturing



- Airspace Operations Research
- Air Traffic Operations Lab



- Autonomous Systems
- Vehicle health
- Sensors



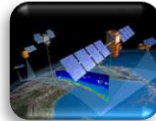
- Flight Test



Langley Product Lines



UAS enabling
On-Demand
Mobility



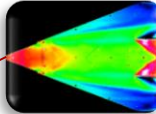
Atmospheric Characterization



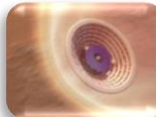
Systems Analysis & Concepts



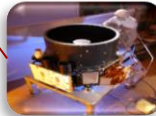
Advanced Materials & Structural Systems



AeroSciences



Entry, Descent & Landing



Measurement Systems



Intelligent Flight Systems

Introductions



- Dave Hinton, Associate Director - UAS Technologies and Applications, Aeronautics Research Directorate
- Thomas Jordan, Assistant Head - Aeronautic Systems Engineering Branch, Engineering Directorate
- Frank Jones - Associate Director, Research Services Directorate
- Danette Allen - Chief Technologist for Autonomy, Research Directorate
- John Foggia - Project Manager, CERTAIN – UAS Test Environment, Research Directorate